

ABSTRACT

An objective of the present invention is to provide a ceramic heater making it possible to heat an object to be heated, such as a silicon wafer, evenly. The ceramic heater of the present invention is a ceramic heater having and a resistance heating element formed on the surface of the ceramic substrate or inside the ceramic substrate, wherein: said ceramic heater is equipped with: a temperature-measuring means measuring the temperature of said ceramic substrate and an object to be heated; a control unit supplying electric power to said heating element; a memory unit memorizing the temperature data measured by said temperature-measuring means; and an operation unit calculating electric power required for said heating element from said temperature, said ceramic heater being constituted such that said heating element is divided into at least 2 or more circuits and different electric power is supplied to each of the circuits of said resistance heating element.